EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|------|---|--|---------------------|---------|---------------------|
| L1 | 8 | "381"/\$.cols. and (fast near5 (average mean)) near20 (slow near5 (average mean)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/30 10:53 |
| L3 | 1339 | (704/500).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/30 11:18 |
| L4 | 1749 | (381/1,17,). OOLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/30 11:18 |
| S1 | 141 | (381/55).COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 19:20 |
| S2 | 2 | schneider.in. and (acoustic adj2 shock) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 14:06 |
| S 3 | 78 | (acoustic adj2 shock) same protect \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 13:18 |
| S4 | 1245 | (381/56,102,106).OOLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:18 |
| S5 | 1 | (((acoustic adj2 shock) same protect \$3) and WOLA | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 19:21 |
| S6 | 1 | (remov\$3 adj3 acoustic adj2 shock) same protect\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/05 19:22 |

| S7 | 2 | (("6236731") or ("5701352")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 15:26 |
|-----|----|--|--|----|-----|---------------------|
| S8 | 2 | schneider.in. and (acoustic adj2 shock) and (parameter same space) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:17 |
| S9 | 7 | "381"/\$.ccls. and (analysis with synthesis) same ((gain volume amplitude) adj2 control) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 13:32 |
| S10 | 1 | ("5715319").PN. | USPAT | OR | OFF | 2008/01/22 13:27 |
| S11 | 3 | brennan.in. and (acoustic adj2 shock) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 13:41 |
| S12 | 18 | brennan.in. and (wola) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:04 |
| S13 | 3 | ("5388185" "6236731" "6240192").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2008/01/22 13:31 |
| S14 | 4 | "381"/\$.ccls. and (analysis with synthesis) same (wola) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:22 |
| S15 | 1 | schneider.in. and (acoustic adj2 shock) and (state same machine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 14:07 |
| S16 | 14 | (analysis with synthesis) same (wola) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 13:49 |
| S17 | 0 | EP-0841836-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 14:08 |

| S18 | 1 | EP-841836-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 14:08 |
|-----|----|---|--|----|-----|---------------------|
| S19 | 0 | WO-2003003790-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 14:09 |
| S20 | 0 | WO-3003790-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 14:09 |
| S21 | 0 | WO-20003003790-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 14:10 |
| S22 | 1 | GB-2293078-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 14:10 |
| S23 | 6 | ("5136577" "5329587" "5544080" "5887059" "6070137" "6487295").FN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/22 15:02 |
| S24 | 19 | ("5136577").URPN. | USPAT | OR | OFF | 2008/01/22 15:03 |
| S25 | 85 | brennan.in. and (analysis same synthesis) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:04 |
| S26 | 18 | brennan.in. and (analysis same synthesis) and filterbank | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:47 |
| S27 | 15 | ("6198830").URPN. | USPAT | OR | OFF | 2008/01/22 15:11 |
| S28 | 0 | ("7010133").URPN. | USPAT | OR | OFF | 2008/01/22 15:15 |
| S29 | 0 | ("7010133").URPN. | USPAT | OR | OFF | 2008/01/22 15:15 |
| S30 | 3 | ("6198830" "6236731" "6606391").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/22 15:15 |

| S31 | 1 | schneider.in. and (acoustic adj2 shock) and (on-line) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:21 |
|-----|------|---|--|----|-----|---------------------|
| S32 | 4 | schneider.in. and (on-line) and (analysis same synthesis) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:21 |
| S33 | 0 | "381"/\$.cds. and (analysis with synthesis) and (on-line same (disc disk memory)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:22 |
| S34 | 60 | (analysis with synthesis) and (on- line same (disc disk memory)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:22 |
| S35 | 0 | (acoustic adj2 shock) and (on-line same (disc disk memory)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:23 |
| S36 | 0 | (acoustic adj2 shock) and ((on-line online) same (disc disk memory)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:23 |
| S37 | 0 | "381"/\$.ccls. and (acoustic with shock) and ((on-line online) same (disc disk memory)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:23 |
| S38 | 36 | "381"/\$.ccls. and (noise) and ((on- line online) same (disc disk memory)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:25 |
| S39 | 15 | "381"/\$.cds. and ((on-line online) with collect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:26 |
| S40 | 1657 | (381/55-58) .CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:27 |

| S41 | 1849 | (381/102-106). COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:27 |
|-----|------|---|--|----|-----|---------------------|
| S42 | 1014 | (381/94.1,94.3).OOLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:39 |
| S43 | 1 | holube.in. and analysis and synthesis and gain | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:38 |
| S44 | 12 | ["3993862" "4536844" "4837630" "5054085" "5381512" "5717818" "5729145" "5757932" "5812678" "5862238" "5892836" "5903655").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/22 15:38 |
| S45 | 157 | (381/94.7).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/22 15:39 |
| S46 | 11 | schneider.in. and (acoustic adj2 shock) and rules | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/26 14:34 |
| S47 | 2 | schneider.in. and (acoustic adj2 shock) and rule\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/26 14:34 |
| S48 | 5502 | (381/55-58,102-109,94.1-94.9). COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:43 |
| S49 | 0 | S48 and (removable detachable) with (log\$4 record\$3) with (gain volume amplitude) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 11:41 |
| S50 | 3 | S48 and (removable detachable) same ((log\$4 record\$3) with (gain volume amplitude)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:49 |

| S51 | 157 | (381/94.7).COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:22 |
|-----|------|---|--|----|-----|---------------------|
| S52 | 1 | S51 and recorder same (detach\$4 remov\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:23 |
| S53 | 1016 | (381/94.1,94.3).OOLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:23 |
| S54 | 1 | S53 and recorder same (detach\$4 remov\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:23 |
| S55 | 31 | S48 and (disk disc) with (stor\$3 save\$1 record\$3) with (gain volume amplitude) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:27 |
| S56 | 128 | S48 and (disk disc) same (stor\$3 save\$1 record\$3) same (gain volume amplitude) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:27 |
| S57 | 7 | S48 and (disk disc) same (stor\$3 save\$1 record\$3) same ((gain volume amplitude) adj2 levels) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:28 |
| S58 | 31 | brennan.in. and (analysis same synthesis) and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 10:47 |
| S59 | 1 | schneider.in. and (acoustic adj2 shock) and periodic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 11:16 |
| S60 | 1 | schneider.in. and (acoustic adj2 shock) and (delay same zero) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 11:25 |

| S61 | 1 | schneider.in. and (acoustic adj2 shock) and (narrowband same broadband same flag) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 11:25 |
|-----|----|--|--|----|-----|---------------------|
| S62 | 1 | ("5136577").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 11:40 |
| S63 | 3 | \$48 and (on-line online) with (data near2 collect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 13:38 |
| S64 | 87 | S48 and (on-line online) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 11:42 |
| S65 | 2 | (("6236731") or ("5701352")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/01/31 13:34 |
| S66 | 1 | S65 and (memory disc disk) | USPAT | OR | OFF | 2008/01/31 13:34 |
| S67 | 8 | "381"/\$.cds. and (on-line online) with (data near2 collect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/03 21:05 |
| S68 | 26 | "381"/\$.cds. and (on-line online) with (record\$3 log\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:29 |
| S69 | 35 | "381"/\$.cds. and (each every) with (subband sub-band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/03 21:15 |
| S70 | 49 | "381"/\$.cds. and (delay near2 (time period) near2 zero) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/03 21:08 |
| S71 | 0 | "381"/\$.cds. and ((gain volume) near3 (adjust\$3 modify\$3 chang \$3)) same ((each every) adj3 (subband sub-band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/03 21:16 |

| S72 | 4 | "381"/\$.cds. and (gain volume) same ((each every) adj3 (subband sub-band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/03 21:16 |
|-----|------|---|--|----|-----|---------------------|
| S73 | 12 | "381"/\$.cds. and ((on-line online) with (record\$3 log\$4)) and (disc medium disk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:30 |
| S74 | 0 | (381/\$.ccls.and(hearingadj2aid) sameAGQ,.COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:43 |
| S75 | 128 | "381"/\$.cdls. and (hearing adj2 aid) same AGC | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:44 |
| S76 | 5502 | (381/55-58,102-109,94.1-94.9). CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:50 |
| S77 | 4 | S76 and (delay\$3 same (analysis near2 filterbank)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 14:47 |
| S78 | 10 | "381"/\$.ccls. and (delay\$3 same (analysis near2 filterbank)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:51 |
| S79 | 1 | "381"/\$.ccls. and (delay\$3 with fast with broadband) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:52 |
| S80 | 0 | "704"/\$.ccls. and (delay\$3 with fast with broadband) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 11:18 |
| S81 | 4 | "381"/\$.cds. and (delay\$3 same fast same broadband) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 10:52 |

| S82 | 1 | schneider.in. and (acoustic adj2 shock) and delay and broadband | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 11:04 |
|-----|-----|--|--|----|-----|---------------------|
| S83 | 1 | schneider.in. and (acoustic adj2 shock) and delay and broadband and "72" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 11:04 |
| S84 | 16 | (delay\$3 with fast with broadband) and (audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 11:20 |
| S85 | 26 | (delay\$3 same fast same broadband same audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 11:19 |
| S86 | 232 | (delay\$3 with broadband) and (audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 11:20 |
| S87 | 28 | (delay\$3 with broadband) same (audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 11:21 |
| S88 | 5 | S76 and (delay\$3 near3 (subband sub-band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 14:04 |
| S89 | 19 | ("5136577").URPN. | USPAT | OR | OFF | 2008/02/04 13:28 |
| S90 | 16 | S89 and delay\$3 | USPAT | OR | OFF | 2008/02/04 13:28 |
| S91 | 1 | ("5136577").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/06 10:23 |
| S92 | 1 | \$91 and (add\$3 summ\$3 multiplier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 13:51 |

| S93 | 1 | S91 and (delay\$3) and decima\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 13:51 |
|------|-----|--|--|----|-----|---------------------|
| S94 | 26 | (delay\$3 near3 (subband sub- band)) same adaptive\$2 same filter \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 14:04 |
| S95 | 2 | schneider.in. and (acoustic adj2 shock) and (add\$3 summ\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 14:06 |
| S96 | 30 | S76 and (echo near2 cancellat\$3) same (add\$3 summ\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 14:14 |
| S97 | 152 | S76 and (adjust\$3 modify\$3 chang \$3) with (delay near3 (period time)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 15:24 |
| S98 | 1 | ("5745580").PN. | USPAT | OR | OFF | 2008/02/04 15:24 |
| S99 | 2 | (("6236731") or ("5701352")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/04 15:26 |
| S100 | 0 | S99 and echo | USPAT | OR | OFF | 2008/02/04 15:26 |
| S101 | 1 | ("5136577").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/02/06 10:23 |
| S102 | 0 | S101 and oversamp\$3 | USPAT | OR | OFF | 2008/02/06 10:28 |
| S103 | 1 | ("6947509").PN. | USPAT | OR | OFF | 2008/02/06 10:25 |
| S104 | 1 | S101 and even and odd | USPAT | OR | OFF | 2008/02/06 10:28 |
| S105 | 2 | schneider.in. and (acoustic adj2 shock) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/08 17:28 |

| S106 | 30 | schneider.in. and (acoustic and shock) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/08 17:29 |
|------|------|--|--|----|-----|---------------------|
| S107 | 1 | schneider.in. and acoustic and (shock near5 flag) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/08 17:29 |
| S108 | 2 | (("6937980") or ("6954535")).PN. | USPAT | OR | OFF | 2008/09/13 16:55 |
| S109 | 1747 | (381/55-58).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 16:57 |
| S110 | 1923 | (381/102-106).OOLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 16:57 |
| S111 | 1073 | (381/94.1,94.3).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 16:58 |
| S112 | 1 | "381"/\$.ccls. and (flag near20 (input near2 signal) near20 (band subband sub-band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 16:59 |
| S113 | 1 | "381"/\$.ccls. and (flag\$1 near20 (input near2 signal) near20 (band subband sub-band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:02 |
| S114 | 41 | "381"/\$.ccls. and (flag\$1 yes no) near20 (input near2 signal) near20 (band subband sub-band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:03 |
| S115 | 10 | "381"/\$.ccls. and (delay near20 (add\$3 sum\$4) near20 analysis) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:05 |
| S116 | 72 | S109 and flag\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:09 |

| S117 | 1076 | "381"/\$.ccls. and (delay\$3 near5 input near5 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:15 |
|------|------|--|--|----|-----|---------------------|
| S118 | 0 | "381"/\$.ccls. and (delay\$3 near5 input near5 signal) near20 (analysis near2 filterbank) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:16 |
| S119 | 0 | "381"/\$.cds. and (delay\$3 near5 input near5 signal) near20 (analysis near5 filterbank) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:16 |
| S120 | 3 | "381"/\$.cds. and (delay\$3 near5 input near5 signal) and (analysis near5 filterbank) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:16 |
| S121 | 249 | "381"/\$.ccls. and (delay\$3 near5 input near5 signal) near20 (add\$3 sum\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:17 |
| S122 | 8 | ("5930373" "6111960" "6285767" "6792115" "6792119" "6845165" "6961435" "7136493").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/14 17:22 |
| S123 | 0 | "381"/\$.cds. and (delay\$3 near5 input near5 signal) near20 (filterbank) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 17:28 |
| S124 | 8 | schneider.in. and (acoustic and shock) and block | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/09/14 18:11 |
| S125 | 2725 | (381/56,102,106,55,102-106). CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/12/22 10:45 |
| S126 | 2725 | (381/56,55,102-106). CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2008/12/22 10:46 |
| S127 | 1898 | (381/55-58).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/27 16:17 |

| S128 | 3 [2847] (381/56,55,102-106).QQLS. | | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/27 16:17 | |
|------|---|--|--|----|-----|---------------------|--|
| S129 | 1299 | (381/94.1,94.3,94.7).OOLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/27 16:17 | |
| S130 | 2 | schneider.in. and (acoustic adj2 shock) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/27 16:18 | |
| S131 | 2 | (("6236731") or ("5136577")).PN. | USPAT | OR | OFF | 2009/09/27 16:38 | |
| S134 | 1 | "381"/\$.ccls. and (narrowband near10 broadband near10 fast near10 slow near10 gradient) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/27 20:14 | |
| S135 | 1 | "381"/\$.ccls. and (narrowband near10 broadband near10 gradient) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/27 20:14 | |
| S136 | 53 "381"/\$.cds. and (narrowband near10 broadband) | | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/09/27 20:14 | |

EAST Search History (Interference)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|--|--------------------------|------------------|---------|------------------|
| L2 | 12 | | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/09/30 10:57 |
| S132 | 15 | 381/55-58,102-106,94.1- 94.7.ccls. and (determin %3 recogniz\$3 acknowledg \$3) near10 (noise shock) near10 input near10 (band\$1 subbands sub- bands) | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/09/27 16:23 |

| S133 | 14 | ("3180936" "3403224 | ' I | US-PGPUB; | OR | OF | F | 2009/09/27 | 16:28 |
|------|----|------------------------|------|-----------|----|----|---|------------|-------|
| | | "4783819" "4852175" | | USPAT | | • | | | |
| | | "5475759" "5677987" | Ĺ | | | • | 1 | | |
| | | "5848171" "5910994" | i i | | | | | | |
| | | "5986927" "6177897" | i | | | 1 | | | |
| | | ["6252969" "6351731" | i i | | | | | | |
| | | ["6389377" "6453285" | i. I | | | | | | |
| | | PN. | | | | - | | | |

9/30/2009 11:18:26 AM

C:\ Documents and Settings\ dfaulk\ My Documents\ EAST\ Workspaces\ 10815891.wsp